

# FLORIDA HIGHWAYS

Official Bulletin of the State Road Department

Vol. VIII

No. 4



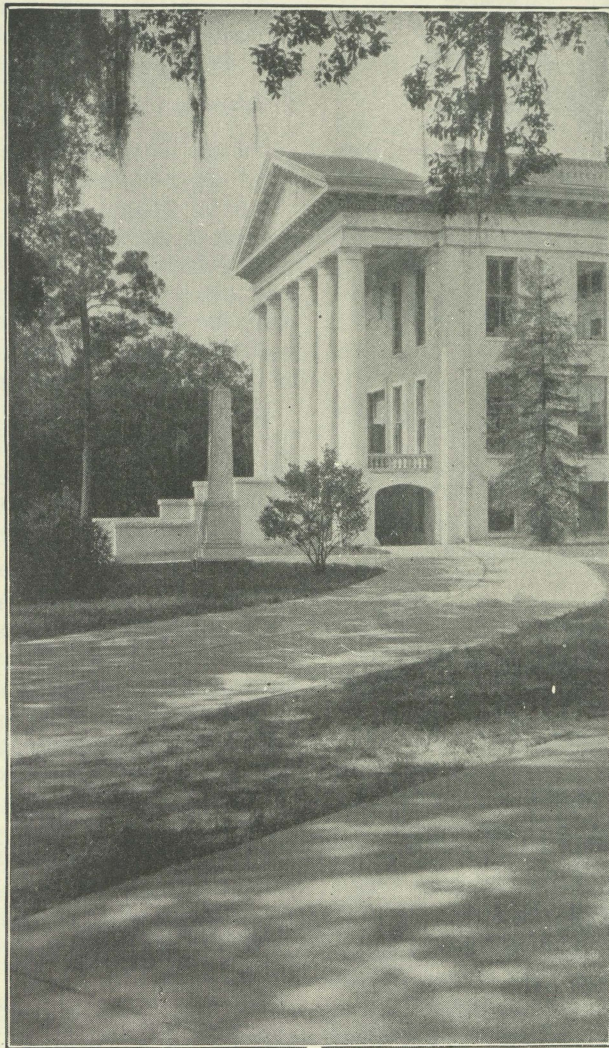
F. A. Proj. 64-A, Road 17, Hillsborough County, Plain Cement Concrete

April, 1931



# FLORIDA

Vol. VIII  
No. 4



# HIGHWAYS

APRIL  
1931

## Transactions at Meeting of State Road Department Held at Tallahassee, April 8, 1931

**T**HE State Road Department met in regular quarterly session at Tallahassee, April 8th, 1931, with all members present, as follows: Robert W. Bentley, Chairman, Wm. A. Shands, Harry H. Wells, Ernest R. Graham and Geo. B. Hills. Mr. Wells was present as a member of the State Road Department from the Third Congressional District, having been appointed and qualified as such to succeed Mallie Martin, resigned since the last meeting of the Department. B. M. Duncan, State Highway Engineer, Karl Roesch, Secretary, B. A. Meginniss, Attorney for the Department, and H. J. Morrison, Federal Highway Engineer, were also in attendance.

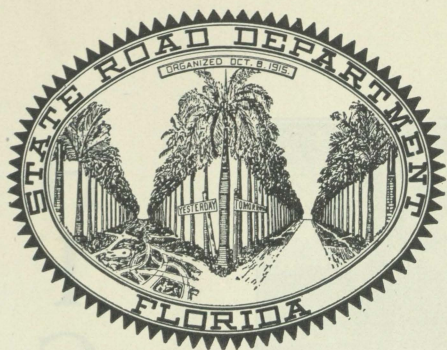
### State Road No. 1—Macclenny

Senator T. J. Knabb of Macclenny, appeared before the Department to urge that State Road No. 1 be paved an additional width of four (4) feet on each side through the town of Macclenny so as to make the total width through said town twenty-four (24) feet.

### Road 26—Dade County

Mr. F. G. Railey, member of the Board of County Commissioners of Dade County, and Mr. G. Carl Adams, Mayor of Miami Springs, appeared before the Department to request information as to the status of State Road 26. They were informed by the Chairman that the survey of this road is now prac-





# Florida Highways

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## PERSONNEL OF DEPARTMENT

ROBERT W. BENTLEY (*Bradenton*), *Chairman*  
(*Official Residence, Tallahassee.*)

W. A. SHANDS, <i>Gainesville</i>	} <i>Members</i>
H. H. WELLS, <i>Chipley</i>	
GEORGE B. HILLS, <i>Jacksonville</i>	
ERNEST R. GRAHAM, <i>Pennsuco</i>	
KARL ROESCH, <i>Tallahassee</i> , <i>Secretary</i>	

## PERSONNEL OF EMPLOYEES IN GENERAL CHARGE OF THE WORK OF THE DEPARTMENT

### Engineering Division

B. M. Duncan, Tallahassee.....	State Highway Engineer
L. K. Cannon, Tallahassee.....	Ass't. State Highway Engineer
W. I. Nolen, Tallahassee.....	Bridge Engineer
H. C. Weathers, Gainesville.....	Testing Engineer
F. W. Berry, Jr., Tallahassee.....	Office Engineer
W. L. Thorpe, Gainesville.....	Supt. of Equipment
E. K. Fogg, Pensacola.....	1st Division
Counties—Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington.	
M. P. Philips, Lake City.....	2nd Division
Counties—Baker, Bradford, Clay, Columbia, Dixie, Duval, Hamilton, Lafayette, Madison, Nassau, St. Johns, Suwannee, Taylor, Union.	
R. L. Bow, West Palm Beach.....	3rd Division
Counties—Brevard, Broward, Collier, Dade, Glades, Hendry, Indian River, Lee, Martin, Monroe, Okeechobee, Palm Beach, St. Lucie.	
L. B. Thrasher, Ocala.....	4th Division
Counties—Alachua, Citrus, Flagler, Gilchrist, Hernando, Lake, Levy, Marion, Orange, Putnam, Seminole, Sumter, Volusia.	
R. K. Van Camp, Lakeland.....	5th Division
Counties—Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Osceola, Pasco, Pinellas, Polk, Sarasota.	

### Auditing Division

S. L. Walters, Tallahassee.....Auditor

B. A. Meginniss, Attorney for the Department,  
Editor and Business Manager.

Application has been made for transmission through  
the mails as second class matter.

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tically complete, and work on such survey is being continued.

### Road 140—Dade County

The same delegation presented to the Department a request that Road 140 be improved from the North city limits of Miami Beach as far as Baker's Haul-over.

### Recess

On motion of Mr. Shands, seconded by Mr. Hills, the following Resolution was adopted:

BE IT RESOLVED, that when the hour of 10:45 o'clock A. M. arrives that this Department do recess until 2:15 o'clock this afternoon to give the members and officers of the Department an opportunity to hear the Governor deliver his message to the Senate and House of Representatives.

### Road 90—Jackson County

Senator H. H. Lewis requested that the Department place a force of convicts on the completion of the grade of Road 90 between Marianna and Neal's Landing to complete the grade which is being constructed by a force of county convicts.

### Road 55

Gas pipe line between Tavares and Eustis, and between Eustis and Umatilla.

Mr. F. R. Hocker and Mr. W. W. Hall, representing the Florida Gas Company, appeared before the Department with the request that a permit be granted to said company for the installation of a gas pipe line on the right of way of State Road 55 between Tavares and Eustis, and between Eustis and Umatilla, formal application for said permit having been duly made by said company.

On motion of Mr. Shands, seconded by Mr. Bentley, the following resolution was adopted:

WHEREAS, Florida Gas Company has filed a written application for the construction of a gas pipe line along the right of way of State Road 55 in Lake County between Tavares and Eustis, and between Eustis and Umatilla, as shown on map or plat attached to said petition, and reference to which is here made as a part of this resolution.

NOW, THEREFORE, BE IT RESOLVED, by the State Road Department that permission be and the same is hereby granted to Florida Gas Company to construct a gas pipe line on State Road 55 between Tavares and Eustis, and between Eustis and Umatilla, in accordance with its written application this day filed with the Department, and subject to all the terms and conditions herein set out.

BE IT FURTHER RESOLVED, That the consent hereby given is conditioned upon said corporation:

(1) Filing with this Department a good and sufficient corporate surety bond, in the sum of \$5,000, conditioned to restore in as good condition as when displaced, such portion of said road as may be disturbed and in a manner satisfactory to the Engineer for the State Road Department.

(2) That such construction shall be done under the supervision of and in accordance with the direction of the engineer of the Department covering such installation.

(3) To arrange with and protect other public service corporations and/or public utilities using or occupying the right of way of said road prior to its occupancy by the Florida Gas Company.



(4) To pay to the Department the amount of said Department's engineering expenses necessary in the supervision of the construction of said work.

(5) To accept the terms of this resolution and to commence actual construction in good faith within sixty (60) days from this date.

#### **Project 60-C—Award of Contract**

The Department here entered upon a discussion of the bids received March 31 for the paving of Project 60-C.

On motion of Mr. Graham, seconded by Mr. Bentley, the following resolution was adopted:

WHEREAS, this Department on March 31, received bids for the paving of State Road No. 4 from Tomoka River to Port Orange in Volusia County and known as Project 60-C; and

WHEREAS, it appears that the Rutherford Construction Company of Lake Wales was the lowest responsible bidder therefore;

NOW, THEREFORE, BE IT RESOLVED, That contract be and the same is hereby awarded to said Rutherford Construction Company at and for its bid price of \$332,589.10.

On the adoption of the foregoing resolution, Messrs Bentley, Wells and Graham voted in the affirmative; Messrs. Shands and Hills did not vote for the resolution, but explained that it was their desire to use concrete pipe throughout, in which case L. M. Gray of Gainesville would prove the lowest bidder using concrete pipe throughout.

#### **Road 2—Polk County**

Mr. J. E. Edwards of Polk County appeared and urged the Department to commence as soon as possible the hard-surfacing of Road 2 between Bartow and Bowling Green. He was informed by the Chairman that the Department is concentrating its work in Polk County on Road 17, and that it will probably be several months before contract can be let for the work on State Road No. 2.

#### **Road 47—St. Johns County**

Mr. H. K. Jackson of St. Augustine appeared and requested that the Department use shell as a base in the construction of State Road No. 47 from Tocoi to Julington Creek.

#### **Toll Bridges**

Mr. H. K. Jackson stated to the members of the Department that an effort is being made to secure legislation to authorize acquisition by the Department of toll bridges on state roads.

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the Chairman and Mr. Wells, member of the Department, be designated as a committee to confer with the committee in charge of the proposal to secure legislation looking to the acquisition by the State of toll bridges on state roads.

The hour of 10:45 o'clock having arrived, the Department was recessed until 2:15 o'clock P. M.

#### **Afternoon Session, 2:15 O'clock**

Present as at morning session.

#### **Road 11—Jefferson County**

T. T. Turnbull, Attorney for the State Railroad Commission, and D. A. Finlayson of Monticello, appeared before the Department and stated that the

proceedings by the Railroad Commission to compel the Atlantic Coast Line Railroad Company to restore its line north of Monticello are held up on a representation by the Railroad Company to the effect that the State of Florida through the State Road Department has made compliance with the court's order impossible by constructing the road grade some five feet above the old line of the railroad's grade. They requested that the Department adopt a resolution assuring the court that it will provide the necessary funds to take care of the additional fill which the railroad company would construct in order to meet the present grade of the railroad. They requested that if this does not meet with the approval of the Department that it devise if possible some plan to assist the Railroad Commission in this situation.

#### **Palm Beach County**

A delegation from Palm Beach County consisting of Senator A. H. Wagg, I. I. Himes, T. M. O'Neal, Ralph Osborne, Willard Smith, Elvin A. Bass, R. K. Lewis, Terry Gibson and D. L. Southarday, appeared before the department with respect to various matters in their county as follows:

(1) They desire that convicts be placed upon work on the roads in Palm Beach County.

(2) Construction of the extension of State Road 25 east to State Road No. 4.

(3) Commencement of the betterment work on Road 25 from 20 Mile Bend to Belle Glade.

(4) Widening of State Road 143 between Canal Point and Pahokee, and the replacement of turn-out bridges for the convenience of the property owners.

(5) Immediate widening of State Road No. 4 in the city of Lake Worth.

These proposals were urged by Senator Wagg, Representatives Elvin A. Bass and R. K. Lewis, and Mr. I. I. Himes, Chairman of the Board of County Commissioners.

#### **Road 10—Franklin County—Lanark to St. Teresa**

The following comprised a delegation appearing before the Department to urge the immediate construction of a grade on State Road 10, in Franklin County between Lanark and St. Teresa: Geo. E. Lewis, Lewis Lively, Geo. Henderson, Guyte P. McCord, Geo. W. Walker, Judge W. T. Moore, Geo. B. Perkins, and Jack Simmons, all of Tallahassee, and Senator S. C. Council, of Franklin County.

#### **33rd Senatorial District**

Senator A. W. Young, and Messrs. W. J. Steed, C. A. Mitchell, Elvin A. Bass, Peter Tomasello, and a number of other citizens, appeared before the Department as representatives of the counties in the 33rd Senatorial District urging matters as hereinafter set out;

#### **Road 2—Osceola County**

Mr. Steed requested that a surveying crew be directed to locate and determine the entrance to and exit from Kissimmee on State Road No. 2.

#### **Road 29—Okeechobee County**

Mr. Tomasello requested the early construction of that part of the gap on State Road No. 29 which lies in Okeechobee County, a distance of seven one-half (7½) miles.

#### **Okeechobee County Bond Funds**

Mr. Tomasello presented to the members a proposal that Mr. Geo. P. Garrett of Orlando be author-



ized to enter and prosecute a suit for the recovery of \$100,000 on account of the return by the former Board of County Commissioners of bonds securing deposit of funds in the Peoples Bank of Okeechobee, just prior to the closing of said institution. The arrangement with Mr. Garrett would provide for a retainer of \$2500, and that he should receive ten percent of the moneys recovered in said suit as his fee. Mr. Tomasello stated that the County of Okeechobee is desirous of entering into this arrangement with Mr. Garrett, but are not in position to make payment of the retainer.

#### Road 30—Indian River County

Mr. Mitchell requested that the Department complete State Road No. 30 in his county as early as possible.

#### Road 85—Martin County

Mr. F. J. Parker requested that the Department push along the work for the construction of Road 85 in Martin County.

#### Road 90—Jackson County

There was again presented to the Department a request that a force of state convicts be placed upon road 90 from Marianna to Neal's Landing to complete the grading work being done by county convicts on said road. The delegation presenting this matter at this time was Senator H. H. Lewis, and Messrs. C. M. Horne, W. W. Wester, O. L. Olive, O. F. Sapp, H. A. Bowles and E. E. Welch.

#### Road 12—Gadsden County

Senator S. W. Anderson appeared before the Department to request that the location of State Road

12 near Greensboro be revised so as to provide for a grade crossing and eliminate the proposed overhead crossing near Greensboro.

On motion of Mr. Hills, seconded by Mr. Wells, the following resolution was adopted:

BE IT RESOLVED, that the engineer be and he is hereby directed to proceed immediately to work out the revision of the location of State Road 12 near Greensboro in line with the suggestion this day made to the Department by Senator Anderson.

#### Road 119—Brevard County

Senator J. J. Parrish requested that the Department take over for maintenance the five miles of State Road 119 from the Courthouse in Titusville to the connection with State Road 22, and that it build as early as possible the one-mile gap in said portion of said road.

#### Award of Contracts

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, this Department on April 6 received bids for the construction of a certain project, and for the furnishing of certain materials, supplies and equipment, as hereinafter listed; and

WHEREAS, the firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor;

NOW, THEREFORE, BE IT RESOLVED, that contracts be and they are hereby awarded for the construction of such project, and for the furnishing of such materials, supplies and equipment as follows:

#### Construction

Proj.	Road	County	Type	Bidder	Price
909-C	4-A	Dade Co.	Plain Concrete Cement Paving (With resilliflex Gd.Rl.)	A. B. Curry Cons. Co.	\$115,026.87

#### Materials

Proj.	Road	County	Type	Bidder	Price
745	19	Taylor	Oil Asphalt	Atlantic Refining Co.	\$ 4,713.74
745	19	Taylor	Slag	Birmingham Slag Co.	15,713.20
876-C	78	St. Johns	T. C. Prime	Barrett Co.	3,156.18
876-C	78	St. Johns	Oil Asphalt	Atlantic Refining Co.	4,597.64
876-C	78	St. Johns	Crushed Gravel	Roquemore Gravel Co.	19,223.00
815	54	Okaloosa	T. C. Prime	Republic Creo. Co.	4,111.20
815	54	Okaloosa	Oil Asphalt	Atlantic Refining Co.	4,210.31
815	54	Okaloosa	Crushed Gravel	Roquemore Gravel Co.	12,919.40
60-A	4	Flagler and Volusia	Corg. Metal Pipe	Dixie Culvert and Metal Co.	1,180.30
60-A	4	Flagler and Volusia	Cement	Florida Portland Cement Co.	1,012.20
60-A	4	Flagler and Volusia	Sand	Shands & Baker, Inc.	302.40
60-A	4	Flagler and Volusia	Course Aggregate	Florida Crushed Stone Co.	750.00
60-A	4	Flagler and Volusia	Reinf. Steel (If domestic)	D. F. Taylor, Inc.	582.74
60-A	4	Flagler and Volusia	(If not domestic)	Marshall & Spencer	594.09
669-W	27	Collier	Trt. and Untrt. Tmbr.	Eppinger & Russell Co.	27,332.88
913	85	Okeechobee	Untreated Timber	Lainhart & Potter	1,357.34
883	4	Duval	Treated Timber and Piling	Eppinger & Russell	2,857.25
571	1	Madison	Oil Asphalt	Atlantic Refining Co.	407.70
571	1	Madison	Slag	Woodstock Slag Co.	1,650.00
659	3	Clay	Oil Asphalt	Atlantic Refining Co.	335.20
659	3	Clay	Crushed Stone	Florida Crushed Stone Co.	787.20
923	48	Clay	Oil Asphalt	Atlantic Refining Co.	125.70
923	48	Clay	Slag	Woodstock Slag Co.	731.50
802-A	10	Okaloosa	Oil Asphalt	Atlantic Refining Co.	466.00
802-A	10	Okaloosa	T. C. Prime	Republic Creo. Co.	770.90
802-A	10	Okaloosa	Gravel	Roquemore Gravel Co.	1,430.00
580	19	Dixie	Oil Asphalt	Atlantic Refining Co.	365.60
580	19	Dixie	Slag	Woodstock Slag Co.	1,848.00
607-B	13	Clay	Oil Asphalt	Atlantic Refining Co.	196.93
607-B	13	Clay	Slag	Woodstock Slag Co.	2,196.40
797	13	Nassau	Cement	Florida Portland Cement Co.	971.28
797	13	Nassau	Sand	Florida Gravel Co.	377.20
797	13	Nassau	Round Gravel	Florida Gravel Co.	721.60



Proj.	Road	County	Type	Bidder	Price
797	13	Nassau (If dom.)	Steel	D. F. Taylor, Inc.	687.61
797	13	Nassau (Not dom.)	Steel	Marshall & Spencer	701.51
750	14	Gilchrist & Alachua	Tar	Koppers Prod. Co.	8 991.25
750	14	Gilchrist & Alachua	Crushed Stone	Florida Crushed Stone Co.	12,303.16
874	49	Union	Cement	Florida Portland Cement Co.	962.88
874	49	Union	Sand	Shands & Baker, Inc.	348.21
874	49	Union	Stone	Florida Crushed Stone Co.	779.10
874	49	Union (If dom.)	Reinf. Steel	D. F. Taylor, Inc.	723.00
874	49	Union (Not dom.)	Reinf. Steel	Marshall & Spencer	737.46
727	47	St. Johns	T. C. Prime	Koppers Products Co.	717.24
727	47	St. Johns	Tar Seal	The Barrett Co.	7,642.11
727	47	St. Johns	Crushed Rock	Standard Rock Co.	12,600.00
741	13	Alachua	Tar	Koppers Products Co.	780.31
741	13	Alachua	Flint Rock	Standard Rock Co.	940.00
535	5-A	Lafayette	Oil Asphalt	Atlantic Refining Co.	3,608.70
535	5-A	Lafayette	Slag	Woodstock Slag Co.	7,000.00
535	5-A	Lafayette	Slag	Birmingham Slag Corporation	6,364.80

### Equipment

#### 2½ Ton Trucks

2 2½-ton Hydraulic Hoist Flat Body, Freeman & Sons	\$4,306.00
2 2½-ton Hydraulic Hoist Cargo Body, Coite W. Hill	4,480.00
1 Water Level Hydraulic Hoist, Coite W. Hill	2,250.00
3 Water Level Hydraulic Hoist, International Harvester Co.	6,702.00

#### 1½ Ton Trucks

10 Ford Chassis, Harlee & Harrison	6,269.90
10 Ford Dump Bodies, Harlee & Harrison	8,442.40
4 Federal Chassis, Coite W. Hill	3,960.00
4 Federal Dump Bodies, Coite W. Hill	4,720.00
8 International Chassis, International Harvester Co.	6,056.00
8 International Dump Bodies, International Harvester Co.	7,464.00
6 Chevrolet Hoist Bodies, Hammond Jones	4,599.42
6 Chevrolet Chassis, Highlands Motor Co.	3,618.24
2 Chevrolet Chassis, Nelson Motor Co.	1,298.62
2 Chevrolet Hoist, Nelson Motor Co.	1,639.50

#### Tractors

1 Caterpillar Tractor, McDonald Tractor Co.	4,509.25
1 Caterpillar Tractor, M. D. Moody	2,455.00

#### Tractor Mowers

8 McCormick's, Quinn R. Barton	8,547.92
4 Allis-Chalmers, M. D. Moody	5,140.00

### Rejection of Bids

#### Project 594—Road 13

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that this Department does reject all bids for oil and slag for use on Project 594, Road 13, Bradford County, received on April 6, and that advertisement be published asking for bids on crushed stone and tar for use on said project.

#### Road 20—Bay County—Project 500-B

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that this Department does reject all bids for materials received on April 6 for use in Project 500-B, Road 20, Bay County.

On motion of Mr. Graham, seconded by Mr. Bentley, the following resolution was adopted:

BE IT RESOLVED, that this Department does hereby reject all bids received for cranes on April 6, 1931.

On motion of Mr. Graham, seconded by Mr. Shands the Department was adjourned until 9:00 o'clock A. M. tomorrow.

**Thursday, April 9, 1931, 9:00 O'clock A. M.**

The Department met pursuant to adjournment with all members present as on yesterday, with the exception of Mr. Wells, who was absent from the morning session.

### Discussion of Finances

The Department spent a considerable length of time in a discussion and consideration of its financial situation.

#### Road 2—Polk County

Mr. Leon Prime, Representative for Polk County, appeared before the Department with reference to Road 2 between Bartow and Bowling Green, and particularly with reference to the widening of same through Fort Meade. He was informed by the Chairman that the Department will not be able to let contract for this work for several months. Mr. Prime also made enquiry as to the routing of State Road 2 between Polk City and Lake Alfred, and suggested a possible location, leaving with the Department a county map outlining this suggestion.

#### Bookkeeping Machine

On motion of Mr. Shands, seconded by Mr. Graham the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for bids for the purchase of one Remington-Rand bookkeeping machine for the use of the Auditing Department.

#### Addressograph

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to purchase an addressograph for the use of the Secretary.

#### Guard Rail

Mr. Graham offered a resolution to request the Chairman and Engineer to secure from the States of New York, Michigan, Georgia, and other states reports of their experience in the use of cable guard rail. The Chairman stated that he has already received these reports and presented letters from the highway officials of the States of New York, Kentucky, Georgia, Alabama, North Carolina, Massachusetts and Louisiana, setting out the experiences of these several states in the use of such cable guard rail.

On motion of Mr. Graham, seconded by Mr. Hills, the Department was adjourned until 2:00 o'clock P. M.

#### Afternoon Session—2:00 O'clock P. M.

The Department met pursuant to adjournment with all members present, Mr. Wells having returned to the city.

#### Advertising Towers on Highways

Mr. Harry W. Thompson, attorney for National Highway Advertising Company, presented to the



Department a proposal of that company looking to the erection and maintenance of towers to display road information and advertising, with a portion of the income derived therefrom to be received by the Department, and the company to have an exclusive franchise for such erection.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the proposition this day made by the representative of the National Highway Advertising Company, be referred to the attorney for the Department, for his consideration and opinion as to the legal right of the Department to enter into the proposed arrangement.

#### **Rerouting Federal Aid Route No. Nine**

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be, and he is hereby directed to request the United States Bureau of Public Roads to change the description of Federal Aid Route Number nine (9) to read, as follows: From a point on Federal Aid Route Number two (2) north of Gainesville via Gainesville and Palatka to a point on Federal Aid Road between St. Augustine and Daytona.

#### **Road 3—Seminole County**

Mr. George Whitfield McCrory, Representative of Seminole County, requested the Department to take steps to commence construction of the Lake Monroe fill and bridge on State Road 3 at Sanford.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, Road Number 3 forms a part of the Federal Seven Percent System of Florida; and

WHEREAS, the State Road Department is desirous of obtaining Federal funds to aid in the construction of that portion of Road No. 3 from the St. Johns River to Sanford in the County of Seminole;

NOW, THEREFORE, BE IT RESOLVED, that the Chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the Department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid Project;

BE IT FURTHER RESOLVED; that the State Highway Engineer be and he is hereby directed to commence the construction of said road as soon as all necessary plans are completed.

#### **Sale of Taylor County Bonds and Dixie County Time Warrants**

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to negotiate for the sale of bonds turned over to said Department by Taylor County for use in the construction of Road 19 and the time warrants turned over to the Department by Dixie County for use in the construction of Road 19 on terms to be submitted to and approved by this Department.

#### **Road 4—Broward County**

The Chairman again directed the attention of the members to the fact that a suit has been instituted in Broward County by James R. Erwin against Robert G. Lassiter & Company, the contractor, for al-

leged trespass by the construction of a drainage ditch on lands of Mr. Erwin.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, This Department has found and determined, and does hereby find and determine, that it is necessary, wise and expedient to secure by condemnation the lands necessary for a drainage ditch on Project 63-C, Road 4, Broward County, through the lands of James R. Erwin, as now constructed;

NOW, THEREFORE, BE IT RESOLVED, that the County Commissioners of Broward County be and they are hereby requested to secure by purchase or condemnation from the said James R. Erwin the said lands necessary for a drainage ditch on Project 63-C, Road 4, Broward County, as now constructed through said lands.

BE IT FURTHER RESOLVED, that said County Commissioners be, and they are hereby authorized to use the name of this Department in any condemnation proceeding necessary to carry out the purposes of this resolution; and

BE IT FURTHER RESOLVED, that in the event that they shall use the name of this Department, that their attorney be and he is hereby authorized to prepare, execute and file all necessary pleadings, affidavits and documents in connection therewith, and prosecute such action to completion.

#### **Project 727—Road 47—St. Johns County**

The Chairman stated that the contractor on Project 727, Road 47, has requested that his contract be extended an additional mile in order to equalize his hauling. It was the judgment of the members that the request cannot be complied with.

#### **Project 76-B—Road 5—Hillsborough County**

On motion of Mr. Bentley, seconded by Mr. Shands, the following resolution was adopted:

WHEREAS, this department has surveyed and located the approaches to an overhead crossing of the Atlantic Coast Line Railroad Company on State Road No. 5, near Bruing, in Hillsborough County, as shown by a plat of said location on file in its office, and in the office of the Clerk of the Circuit Court of said Hillsborough County; and

WHEREAS, this Department has found and determined, and does hereby find and determine that it is necessary, wise and expedient to secure by eminent domain the lands hereinafter described as a right of way for said approaches;

NOW, THEREFORE, BE IT RESOLVED, that the County Commissioners of Hillsborough County be and they are hereby requested to secure by purchase or condemnation the following described land, to-wit:

(Here follows description of land).

BE IT FURTHER RESOLVED, that said Board of County Commissioners be and they are hereby authorized to use the name of this Department in any condemnation proceeding necessary to carry out the purposes of this resolution, or to proceed in their own name as they may decide.

BE IT FURTHER RESOLVED, that in the event that they shall elect to proceed in the name of this Department, that their attorney be and he is hereby authorized to prepare, execute and file all necessary pleadings, affidavits or documents in connection therewith, and prosecute such action to completion.



### Road 1—Baker County

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that State Road No. 1 be widened through the town of Macclenny, Florida, by the addition of ten (10) feet of surface treated limerock base on each side of the existing pavement.

### Road 140—Dade County

The Department having under further consideration the request of the Dade County Commissioners that Road 140 be improved from Miami Beach to Baker's Haulover, no further action was taken, but it was understood that this road will be improved prior to the next tourist season.

### Road 11—Jefferson County

The members took up for consideration the request submitted on yesterday by Senator T. T. Turnbull, Attorney for the State Railroad Commission, to the effect that the Department undertake to bear the expense of the additional grading made necessary in order to bring the grade of the Atlantic Coast Line Railroad Company as it existed at the time of the attempted abandonment of said line to the grade of State Road No. 11.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Attorney for the Railroad Commission be advised that this Department is unable to comply with the request as made by him on yesterday.

### Roads 89 and 39—Holmes County

Mr. M. M. Andrews, Representative of Holmes County, appeared before the Department to request information as to the status of construction on Road 88 in his county, and to ask that work on same be speeded up. Mr. Andrews also requested that the Department hard-surface State Road No. 39 in his county. He was informed that the Department is not in position to comply with this request.

### Gravel

Mr. Frank Webb appeared before the members to discuss the several bids placed with the Department on Monday of this week by Florida Gravel Company of Chattahoochee.

### Minutes Approved

On motion of Mr. Shands, seconded by Mr. Graham, the minutes of the meeting held in Jacksonville, March 11, 1931, were duly approved.

### Recess

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that this Department do now recess subject to call of its Chairman.

## Transactions at Meeting of State Road Department Held at Tallahassee, April 21, 1931

PURSUANT to recess from April 9, 1931, and on call of the Chairman, State Road Department met at Tallahassee, April 21, 1931, with all members present, as follows: Robert W. Bentley, Chairman, William A. Shands, Harry H. Wells, Ernest R. Graham and George B. Hills. B. M. Duncan, State Highway Engineer; B. A. Meginniss, Attorney for the Department; Karl Roesch, Secretary, and S. L. Walters, Auditor, were also in attendance.

### Discussion of Finances

The Department here entered upon a discussion of its financial condition, going into the matter with the Auditor for the Department. At the conclusion of this conference, the Auditor was requested to submit further and additional information.

### Road 90—Jackson County

#### Marianna to Neal's Landing

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that there be and there is hereby declared that an emergency exists, and that the first available convict crew in the Third Congressional District be placed on the grading of that section of State Road No. 90 between Marianna and Neal's Landing to complete the grade now being constructed on said road by county convicts.

### Expenditure in Excess of Budget Allowance

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that from and after the passage of this resolution, whenever it appears that the cost of a project will exceed the amount allocated to

said project in the Department's budget of construction and maintenance, that the members of the Department be notified thirty days in advance for further authorization of funds if deemed proper and necessary.

### Location of Convict Camps

Pursuant to the request of the members at a former meeting, the State Highway Engineer submitted a map showing the present location of all State convict camps which map carried in addition the expected date when such convict camp would finish the work on which now engaged.

### State Road No. 1—Baker County Macclenny Toward Sanderson

After a discussion of the present widening program of State Road No. 1 in Baker County, it was agreed that this work shall stop when it shall have reached a point approximately five miles west of Macclenny in the direction of Sanderson.

### State Road No. 52—Graceville to Chipley

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that an emergency be and the same is hereby declared to exist and that the Department do place a convict crew, when available, on the grading of that portion of State Road No. 52 between Graceville and Chipley.

### Road No. 10—Franklin County Lanark to St. Teresa

On motion of Mr. Wells, seconded by Mr. Graham, the following resolution was adopted:



BE IT RESOLVED, that a convict crew be placed on the grading of that section of State Road No. 10 between Lanark and St. Teresa in Franklin County, when said convict crew is available.

**Road No. 10—Franklin County  
Approach to Ferry at East Point**

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the Engineers of this Department be instructed to repair immediately the approach to the ferry landing on Road No. 10 at East Point, Franklin County.

**Road No. 10—Franklin County  
Apalachicola West**

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that an emergency be and the same is hereby declared to exist, and that a convict crew be placed on the grading of that part of Road No. 10 from Apalachicola west to the east end of the present State paving when a convict camp is available for said purpose.

**Road 158—Bay County**

Mr. Wells submitted to the Department a request from the County Commissioners of Bay County that the Department take over for maintenance Road 158 in Bay County from Lynn Haven to a connection with State Road No. 20. It was the consensus of opinion of the members that the Department is not now in position to comply with this request.

**United States Geological Survey**

The Department took up for consideration the suggestion submitted at its meeting earlier in the month that an appropriation, similar to the one made last year, be made available to cooperate with the United States Geological Survey in securing data useful to the Department in this State.

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that there be and there is hereby appropriated a sum not to exceed \$2,500 for the year beginning July 1, 1931, said funds to be used to cooperate with the United States Geological Survey in the further securing of data useful to the Department in the State of Florida.

**Road 121—Jackson County**

A request was submitted that the Department order a survey of that portion of State Road 121 between Road 90 and the Alabama State line. No action was taken on the request at this time.

**Road 119—Brevard County**

The members took up for consideration the request submitted earlier in the month that the Department take over for maintenance Road 119, from Titusville to Road 22, and construct the one-mile gap in said road.

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Department do take over for maintenance that section of State Road 119 from Titusville to State Road 22; and

BE IT FURTHER RESOLVED, that when funds are available the Department do proceed to construct the one-mile gap in said road on the end which connects with State Road 22.

**Road 2—Project 81—Gainesville to Paradise**

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be authorized to advertise for bids for asphaltic concrete, kyrock and macasphalt to be used as surface in the construction of Project 81, Road 2, Gainesville to Paradise.

**Location of Convict Camps**

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the following numbered camps be removed to the locations herein set out when they have completed the work on which they are now engaged, namely:

Camp 3 to State Road 44 (approximate completion date June).

Camp 41 to State Road 29 (approximate completion date July).

Camp 12 to State Road 25 (approximate completion date July).

BE IT FURTHER RESOLVED, that the State Highway Engineer be authorized and directed to construct camps at the new locations in advance of the removal of said convicts.

On motion of Mr. Shands, seconded by Mr. Hills, the Department was adjourned until 2:30 o'clock P. M.

**AFTERNOON SESSION 2:30 O'CLOCK**

Present as at the morning session.

**Road 29—Okeechobee County**

The members took up for consideration the request presented earlier in the month that the Department advance a retainer fee of \$2,500 to George P. Garrett of Orlando to effectuate his employment by the County of Okeechobee in a suit to recover funds or securities in connection with the road fund deposit which Okeechobee County had in the Peoples Bank of Okeechobee at the time of its failure.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the County Commissioners of Okeechobee County be advised that the Department finds it impossible to comply with the request above set out.

**Road 4—St. Johns County;  
San Sebastian River Bridge**

The Chairman submitted to the members copy of a resolution adopted by the city commission of St. Augustine in which said city commission undertakes to revoke its resolution No. 730, adopted August 20, 1930, under the terms of which said city agreed to make street improvements in connection with the proposed Federal Aid bridge across the San Sebastian River in said city. No formal action was taken by the Department in this matter, copy of the resolution being turned over to Mr. Hills, member of the Department.

**Correction of Minutes**

The attention of the members was directed to the fact that in a resolution of the Department adopted at its meeting in Ocala in February, asking for a War Department permit for the construction of the Withlacoochee River bridge, Road 23, the location of said bridge was erroneously described as being between



Citrus and Sumter Counties, whereas, the site is in fact in Hernando County.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the resolution adopted at the meeting of this Department held at Ocala in February and entitled "Withlacoochee River Bridge, Road 23," be, and the same is hereby amended so as to read as follows:

"On motion of Mr. Bentley, seconded by Mr. Shands the following resolution was adopted:

"BE IT RESOLVED, that the Chairman be and he is hereby authorized to make application to the War Department for their approval of the construction of a bridge over Withlacoochee River, Road 23, located in Hernando County, approximately one and one-half miles northeast of Trilby, Florida, which said bridge shall be constructed according to the plans submitted by the Department."

#### Employment of Florida Labor

The Chairman presented to the members a letter from the United Brotherhood of Carpenters and Joiners of America, Local Union No. 531, St. Petersburg, requesting that the Department employ only legal residents of the State, and that contractors doing work for the State also be required to use legal residents of the State in their operations. No formal action was taken on the letter, but the Chairman was requested to advise this organization that it has been the policy of the Department for the past several years to recruit its own forces entirely within the State when that is possible, and to instruct that contractors operate along the same line.

#### Gulf Coast Highway

The Chairman presented to the members a letter from the Northwest Florida Association enclosing a resolution asking that the Department include the Gulf Coast Highway in the system of roads designated to receive Federal Aid. No formal action was taken on the request, but the Chairman was requested to advise the association that there is no Federal mileage available at this time and that it is the judgment of the Department that nothing can be done with reference to said request.

#### State Road No. 18—Sarasota County

A resolution was presented to the Department from the Board of County Commissioners of Sarasota County requesting that the State take over for maintenance the Fruitville-Myakka road, and also the Verna road in said Sarasota County.

On motion of Mr. Bentley, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that this Department do take over for maintenance State Road 18 in Sarasota County from the City of Sarasota to the Manatee County line.

#### State Road No. 4—Lake Worth

A letter was read from E. C. Ewing, City Clerk of Lake Worth, with which letter was enclosed a request from the city commission of that city asking that the Department pave the shoulders on Road 4 through Lake Worth with concrete. The Chairman was requested to advise the city authorities that it is unable to comply with this request.

#### State Road 35—Madison County

There was presented to the Department a resolution adopted by the Board of County Commissioners of Madison County and a resolution by the Town Council of Greenville requesting that the Department use uncrushed gravel as cover material in the construction of State Road No. 35.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that action on the request of Madison County and the Town of Greenville be deferred for the present, and until the Department is ready to purchase cover material, and that the authorities of the county and town be so advised.

#### State Road No. 4—Town of Lantana

The Chairman made a report to the members on the subject of the claim of the Town of Lantana for reimbursement for the amount expended by the town in paving State Road No. 4. He also presented the opinion of the Attorney General, holding that the Department can legally make such reimbursement if it finds that in justice it should do so. Action on the matter was deferred for the present.

#### Award of Contracts Approved

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, this Department on March 23 and March 25 received bids for the construction of certain projects, and for the furnishing of certain materials, supplies and equipment, as hereinafter listed; and

WHEREAS, the firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor.

NOW, THEREFORE, BE IT RESOLVED, that the action of the Chairman in awarding contracts for such projects, and for such materials, supplies and equipment, be and the same is hereby approved, which said contracts are as follows, to-wit:

Construction					
Proj.	Road	County	Type	Bidder	Price
78	4	Broward	Plain cement concrete	Morgan-Hill Paving Co.	\$261,490.14
806-D	25	Hendry	Timber bridges	Thomas Construction Co.	9,533.22
Materials					
Proj.	Road	County	Type	Bidder	Price
21	1	Duval	Reinforcing steel	Dudley-Bar Company	\$1,232.76
21	1	Duval	Asphalt joint filler	Southern Paint and Asphalt Co.	59.54
21	1	Duval	Portland cement	Lehigh Portland Cement Co.	8,372.16
21	1	Duval	Sand	Shands Lumber Co., Inc.	2,789.21
21	1	Duval	Gravel aggregate	Florida Gravel Co.	5,309.99
70	5	Charlotte	Florida lime rock	Peninsular Lime Rock Co.	6,408.00
669-X	27	Collier	Untreated timber	Lainhart & Potter	1,794.88
921	25	Palm Beach	Untreated timber	Lainhart & Potter	1,275.37



**Maintenance Unit No. 5—Jackson County**

Slag f. o. b.	Marianna	Birmingham Slag Co.	\$3,735.20
Slag f. o. b.	Cottondale	Birmingham Slag Co.	2,254.50
Slag f. o. b.	Campbellton	Woodstock Slag. Corp.	4,922.10
Slag f. o. b.	Graceville	Woodstock Slag Corp.	1,804.40

**Equipment**

1 5-ton Caterpillar gas driven tractor—Burgman	
Tractor Equipment Co.	\$2,490.36

**Supplies**

Syrup, 5,000 Gals.	W. J. Singletary	\$6,600.00
Groceries	Lewis Bear Company	1,238.20
Groceries	C. W. Zaring Company	3,097.84
Groceries	Hagin Peters Company	2,072.93
Groceries	Daffin Mercantile Co.	299.35
Meats	Daylight Grocery Company	3,760.78

**Mule Feed and Hay**

Hay	R. P. Atwood & Company	\$1,771.20
Hay	Lewis Bear Company	561.00
Grains	Lewis Bear Company	1,105.50
Grains	Stinson Sharman Co.	451.50
Grains	Hagin Peters Company	2,725.55

**Convict Supplies**

Bentley Gray Dry Goods Company—Tampa

Undershirts	\$ 300.00
Drawers	300.00
Sheets	258.30
Pillow cases	88.55

J. H. Churchwell Wholesale Company—Jacksonville

Striped shirts	\$ 875.00
Striped pants	1,000.00
Construction shoes	1,475.00
Straw hats	152.08
Night shirts	289.58

**Expense Accounts Approved**

On motion of Mr. Bentley, seconded by Mr. Shands, the expense accounts of the members were approved, as follows:

W. A. Shands	\$ 63.17
Robert W. Bentley	18.70
E. R. Graham	46.13
Geo. B. Hills	44.24
W. A. Shands	18.98
W. A. Shands	31.10
Robert W. Bentley	56.21
W. A. Shands	43.10
Geo. B. Hills	44.61
E. R. Graham	92.70

**Award of Contracts**

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, this Department on April 20 received bids for the purchase of certain materials and supplies as hereinafter listed; and

WHEREAS, the firms and individuals respectively named were and are hereby declared to be the lowest responsible bidders;

NOW, THEREFORE, BE IT RESOLVED, that contracts for the furnishing of such materials and supplies be and the same are hereby awarded, as follows, to-wit:

**Project 857—Road 53—Santa Rosa County**

Cement	Portland Cement Company	\$ 690.10
Gravel	Roquemore Gravel Company	370.60
Sand	Roquemore Gravel Company	157.20
Steel (Doms)	D. F. Taylor, Inc.	488.88 (Less 1% 15 dy)
Timber	Pensacola Creosoting Company	4,390.80

**Maintenance Unit No. 47—Osceola County**

Treated timber	Atlantic Creosoting Co.	\$4,685.71
Paint	Sherwin-Williams Paint Co.	6,816.00

**Projects 523-636—Road 8—Okeechobee County**

Stone	Florida Crushed Stone Co.	\$9,725.32
Asphalt	Pan American Petroleum Co.	.0419 per gal.

**Slag and Oil Bids**

On motion of Mr. Wells, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department do reject all bids received on slag and oil on April 20, 1931, with the exception, however, of oil for use on Projects 523 and 636, Road 8, Okeechobee County.

**Cover Material**

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that this Department do use crushed gravel in surface treatment of Project 500-B, Road 20, Bay County, and that advertisement be made for bids for the remainder of the cover material for use on roads in West Florida on the basis of fifty per cent slag and fifty per cent crushed gravel.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that this Department do advertise for bids for flint rock and Florida stone for use in the retreatment and surface treatment of roads in Central and South Florida in the proper proportion between the two materials.

**Bitumen**

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for the bitumen requirements to take care of the cover materials to be used on the projects which are covered in the resolutions next above.

**Project 77—Road 1—Cottondale to Chipley**

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, this Department at a former meeting determined upon the use of surface treatment in the reconstruction of Project 77, Road 1, between Chipley and Cottondale; and

WHEREAS, the Department has so far failed to receive approval from the Bureau of Public Roads for the use of such surface treatment on said project; and

WHEREAS, if the Department is to secure the benefit of Emergency Federal Appropriation on said project, it is necessary that the work thereon be commenced at the earliest possible date; and

WHEREAS, the members are advised that there is no question of immediate approval for Federal Aid if concrete is used in the construction of said project;

NOW, THEREFORE, BE IT RESOLVED, that the previous action of this Department in determining upon rock base surface treatment in the construction of said project, be and the same is hereby rescinded; and

BE IT FURTHER RESOLVED, that this Department do now fix and determine upon plain cement concrete as the type of pavement on such project.

BE IT FURTHER RESOLVED, that a copy of this resolution be transmitted to the Bureau of Public



Roads with the request that they give immediate approval to the construction of a concrete pavement on said project.

### Road 75—New Smyrna to DeLand

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that this Department do take over for routine maintenance Road 75, between New Smyrna and DeLand, provided, however, that this Department does not assume any responsibility for damage on account of insufficient drainage in the construction of said road, nor for the correction of such drainage.

On motion of Mr. Shands, seconded by Mr. Hills, the Department was adjourned.

### Dad Knows

Young Mathematician: "Mum, do you know how to get the cubic contents of a barrel?"

His mother: "No, ask your father."—Merthyr Express.

The former Kaiser is still protesting that he didn't start the war. At any rate, it's a safe bet he wishes he hadn't.—Nashville Southern Lumberman.

Stories about movie stars getting married should end with a comma.

### Stingy Man

A man was too stingy to buy his newspaper so he sent his son to borrow from a neighbor. In his haste the boy overturned a \$4.00 hive of bees, and he soon resembled a warty squash. His father ran to his assistance and not noticing a barbed wire fence ran into it, pulled it down, cut himself, and ruined a \$4.00 pair of trousers. The cow went through the hole in the fence and killed herself eating corn. The wife, hearing the commotion, ran out. As she ran, she overturned a churn of cream onto a basket of kittens, killing them all. The baby, left alone, crawled through the cream into the parlor, ruining a \$24.00 carpet.—Shell Happytime.

### Hand Him a Fan

Sam, who had just fulfilled a lifetime ambition and bought a fur coat, went strutting down the street. He met a poor friend, shivering with cold, who said: "Say, Sam, it's pretty cold today, ain't it?" "Is it?" said Sam, peering out from the depths of his fur collar. "Now, you know, I really haven't looked at the paper today."—Wall Street Journal.

"Now," said the super salesman, "this instrument turns blue if the liquor is bad—green if it's good." "Sorry, but I am color blind," apologized the prospector. "Got anything with a gong on it?"

## CONTRACTS AWARDED BY STATE ROAD DEPARTMENT

January 1st, 1931, to April 30th, 1931.

### FEDERAL PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
73-C	17	Polk	John J. Quinn, Inc.		5.22	\$ 165,480.74	Concrete
67	50	Suwannee-Hamilton	Austin Bros. Bridge Co.	461.5		51,993.04	Concrete
60-B	4	Flagler-Volusia	Fred D. Beasley, Inc.	570		107,566.27	Concrete
72-A	28	Putnam-Flagler	Murphy Const. Co.		11.16	92,685.56	Grade
72-C	28	Flagler	Murphy Const. Co.		11.79	121,426.15	Grade
76-A	5	Hillsborough	Johnson, Drake & Piper		10.31	374,163.81	Concrete
78-A	4	Broward	Morgan-Hill Paving Co.		6.28	287,639.15	Concrete
60-C	4	Volusia	Rutherford Const. Co.			365,848.01	Concrete
Sub Total				1,031.5	44.76	\$1,566,802.73	

### STATE PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
879-B	1	Escambia	Soule Contracting Co.	64		\$ 9,895.62	Concrete
892	30	Indian River	Fred D. Beasley, Inc.		13.0	161,914.84	Rock Base
706-B	28	Putnam	T. B. Gillespie, Inc.		14.91	178,153.44	Rock Base
623	35	Madison	Manly Const. Co.		12.13	134,921.07	Rock Base
727	47	St. Johns	F. K. Webb & Associates		4.59	59,974.84	Rock Base
918	0	Gadsden	John E. Ballenger Const. Co.		1.49	31,474.31	R. B. S. T.
806-D	25	Hendry	Thomas Const. Co.	150		10,486.54	Timber
909-C	4-A	Dade	A. B. Curry Const. Co.		4.38	126,529.55	Concrete
Sub Total				214.0	50.50	\$ 713,350.21	
Grand Total				1,245.5	95.26	\$2,280,152.94	

## Status of Bridge Construction

Through March 31, 1931.

Project No.	Contractor	Road	County	Total Length Feet	Type	Percent Complete
60-B	Fred D. Beasley, Inc.	4	Flagler-Volusia	461.54	Concrete	3.06
66	R. C. Huffman Construction Co.	5	Sarasota	458.57	Concrete and Steel Span	27.93
67	Austin Bros. Bridge Co.	50	Hamilton-Suwannee	461.54	Concrete	7.00
70	Raymond Concrete Pile Co.	5	Charlotte	4377.12	Concrete Bascule Span	94.00
71	Okeechobee Construction Co.	4	Brevard	174.00	Concrete	13.00
75	National Surety Co.	27	Collier	561.31	Concrete, I Beam	27.00
715-B	Florida Bridge & Const. Co.	28	Union-Bradford	799.00	Concrete	94.00
801-B	State Forces	102	Union-Bradford	714.50	Concrete	20.00
802-B	J. R. Chambliss	10	Okaloosa	1966.00	Cresosoted Timber, I Beams	91.38
806-D	Thomas Construction Co.	25	Hendry	150.00	Cresosoted Timber	0.00
879-B	Soule Contracting Co.	1	Escambia	64.00	Concrete	0.00
952	Powell Bros.	3	Putnam	365.00	Concrete and Steel Stringer Span	60.00



# Status of Road Construction

Through March 31st, 1931.

Proj. No.	Contractor	Road No.	County	Total Length Miles	Clearing Miles	Grading Miles	Base Miles	Surface Miles	Type	Per Cent Complete
53-D	C. C. Moore Const. Co. ....	2	Lake .....	4.48	4.48	3.81	.....	.....	Grading	90.00
57	R. C. Huffman Const. Co. ....	3	Nassau-Duval .....	3.40	1.30	.90	.....	.....	Grading	23.00
60-A	Convicts .....	4	Flagler-Volusia .....	11.76	2.94	.35	.....	.....	Grading	2.00
62-A	L. B. McLeod Const. Co. ....	24	Osceola .....	5.87	.....	.....	5.87	5.87	R.B.S.T.	98.00
62-D	L. B. McLeod Const. Co. ....	24	Osceola .....	12.66	.....	.....	12.66	12.03	R.B.S.T.	97.00
72-A	Murphy Const. Co. ....	28	Putnam-Flagler .....	11.16	3.00	.10	.....	.....	Grading	5.00
72-C	Murphy Const. Co. ....	28	Flagler .....	11.79	2.00	.10	.....	.....	Grading	4.00
73-C	John J. Quinn Co., Inc. ....	17	Polk .....	5.22	.....	.....	.....	0.00	Concrete	2.00
73-D	John J. Quinn Co., Inc. ....	17	Polk .....	9.92	.....	.....	.....	6.94	Concrete	62.00
74	Manly Const. Co. ....	2	Orange .....	14.34	.....	.....	14.34	14.34	Bit. Conc.	99.00
76-A	Johnson, Drake & Piper .....	5	Hillsborough .....	10.31	0.00	0.00	.....	0.00	Concrete	0.00
500-B	Marianna Lime Products Co. ....	20	Bay .....	12.65	.....	.....	12.65	0.00	R.B.S.T.	85.00
500-C	Marianna Lime Products Co. ....	20	Bay .....	12.18	.....	.....	12.18	3.00	R.B.S.T.	92.00
515	Marianna Lime Products Co. ....	20	Jackson .....	4.59	.....	.....	0.00	0.00	R.B.S.T.	0.00
535	Wm. P. McDonald Const. Co. ....	5-A	Lafayette .....	13.20	.....	.....	13.20	0.00	R.B.S.T.	90.00
608-B-2	J. D. F. Boggs .....	4	Brevard .....	1.07	1.07	1.06	.25	0.00	R.B.S.T.	90.00
623	Manley Construction Co. ....	35	Madison .....	12.13	.....	.....	0.00	0.00	R.B.S.T.	0.00
677-B	Langston Const. Co. ....	13	Levy .....	12.58	.....	.....	12.58	0.00	R.B.S.T.	95.00
706-B	T. B. Gillespie, Inc. ....	28	Putnam .....	14.91	.....	.....	0.00	0.00	R.B.S.T.	0.00
720	Duval Engr. & Contr. Co. ....	11	Jefferson .....	9.70	.....	.....	9.70	9.70	R.B.S.T.	99.00
727	L. M. Gray .....	47	St. Johns .....	6.00	.....	.....	6.00	0.00	R.B.S.T.	85.00
727	F. K. Webb and Associates .....	47	St. Johns .....	4.59	.....	.....	0.00	0.00	R.B.S.T.	0.00
744	Fred D. Beasley, Inc. ....	19	Madison .....	1.00	.....	.....	1.00	0.00	R.B.S.T.	80.00
745	Fred D. Beasley, Inc. ....	19	Taylor .....	15.95	.....	.....	15.95	1.00	R.B.S.T.	90.00
770	Standard Asphalt Co. ....	22	Brevard .....	4.38	.....	.....	4.38	4.38	R.B.S.T.	100.00
779	Convicts .....	19	Liberty .....	8.00	3.00	0.00	.....	.....	Grading	3.00
787	Convicts .....	10	Walton .....	16.27	16.27	15.95	.....	.....	Grading	96.00
798	Convicts .....	13	Nassau .....	15.21	15.21	13.40	.....	.....	Grading	90.00
801	Convicts .....	48	Bradford-Union .....	11.78	11.78	11.48	.....	.....	Grading	98.00
805	Convicts .....	25	Hendry .....	9.42	9.42	1.20	.....	.....	Grading	18.00
806-A	E. F. Powers Const. Co. ....	25	Hendry .....	11.00	.....	.....	11.00	10.56	R.B.S.T.	99.00
806-C	L. B. McLeod Const. Co. ....	25	Hendry .....	11.00	.....	.....	5.25	0.00	R.B.S.T.	45.00
806-D	L. B. McLeod Const. Co. ....	25	Hendry .....	12.69	.....	.....	10.51	0.00	R.B.S.T.	75.00
820	H. D. Spangler & Co. ....	96	Jefferson .....	9.45	9.45	8.98	.....	.....	Grading	90.00
825	Convicts .....	88	Holmes .....	10.37	10.37	8.00	.....	.....	Grading	80.00
833	Convicts .....	10	Santa Rosa .....	8.02	8.02	8.02	.....	.....	Grading	100.00
857	Convicts .....	53	Santa Rosa .....	19.00	12.00	8.00	.....	.....	Grading	48.00
868-A	Convicts .....	5	Levy .....	7.05	7.00	1.00	.....	.....	Grading	22.00
868-C	Convicts .....	5	Levy .....	12.34	12.34	10.36	.....	.....	Grading	85.00
869	Reid W. Bryan .....	29	Glades .....	9.04	8.50	7.52	.....	.....	Grading	66.00
870	S. J. Groves & Sons .....	143	Palm Beach .....	10.88	10.88	10.88	10.88	10.88	R.B.S.T.	100.00
875	Convicts .....	23	Hernando .....	10.14	6.08	2.00	.....	.....	Grading	15.00
876	Convicts .....	78	Duval-St. Johns .....	28.90	28.90	28.90	.....	.....	Grading	100.00
876-C	Robert G. Lassiter & Co. ....	78	Duval-St. Johns .....	19.20	.....	.....	18.19	0.00	R.B.S.T.	80.00
883	John E. Ballenger Const. Co. ....	4	Duval .....	4.72	.....	.....	1.00	1.00	Macasph.	53.00
884	Macasphalt Corp. of Fla. ....	3	Duval .....	2.45	2.45	2.45	2.45	2.45	Macasph.	100.00
885	Robert G. Lassiter & Co. ....	3	Duval .....	4.86	.....	.....	0.00	0.00	Macasph.	38.80
892	Fred D. Beasley, Inc. ....	30	Indian River .....	13.00	.....	.....	0.00	0.00	R.B.S.T.	0.00
915	E. F. Powers Const. Co. ....	140	Palm Beach .....	2.00	.....	.....	2.00	0.00	R.B.S.T.	85.00
918	John E. Ballenger Const. Co. ....		Gadsden .....	1.49	0.00	0.00	0.00	0.00	R.B.S.T.	0.00
927	Convicts .....		Jackson .....	2.00	.....	.....	.....	.....		
Total complete February 28th, 1931 .....					3181.72	3149.56	1844.17	2622.23		
Complete month of March .....					12.62	5.78	7.68	21.11		
Total complete March, 31st, 1931 .....					3194.34	3155.34	1851.85	2643.34		
TOTAL MILEAGE COMPLETE										
		Concrete	Brick	B.C.	S.A.	B.M.	Asp.B.	S.T.R.B.	S.T.S.C.	Macasph.
Complete	to Feb. 28, 1931.....	383.44	21.63	54.11	114.61	109.57	23.70	1520.16	336.19	9.55
Complete	Month of Mar. ....	2.03						10.97		.76
Complete	to Mar. 31st, 1931 .....	385.32	21.63	54.11	114.61	109.57	23.70	1531.13	336.19	10.31
		Sand Asph.	Sand Clay	Marl	Total					
Complete	to Feb. 28, 1931.....	9.50	136.59	27.58	2746.48					
Complete	Month of Mar. ....		.08		13.84					
Complete	to Mar. 31st, 1931 .....	9.50	136.67	27.58	2760.32					